

IFWO

RAW SEQUENCE LISTING

3 <110> APPLICANT: Mead, David A.

PATENT APPLICATION: US/10/783,534 TIME: 10:59:45

DATE: 08/05/2004 TIME: 10:59:45

Input Set : A:\08797~1.txt

| 4 | Godiska, Ronald | |
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| 6 | <120> TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS | |
| 8 | <130> FILE REFERENCE: MICRO-08797 | |
| 10 | <140> CURRENT APPLICATION NUMBER: 10/783,534 | |
| 11 | <141> CURRENT FILING DATE: 2004-02-20 | |
| 13 | <160> NUMBER OF SEQ ID NOS: 128 | |
| 15 | <170> SOFTWARE: PatentIn version 3.2 | |
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| 18 | <211> LENGTH: 46 | |
| 19 | <212> TYPE: DNA | |
| 20 | <213> ORGANISM: Artificial Sequence | |
| 22 | <220> FEATURE: | |
| 23 | <223> OTHER INFORMATION: Synthetic | |
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| 32 | <213> ORGANISM: Artificial Sequence | |
| 34 | <220> FEATURE: | |
| 35 | <223> OTHER INFORMATION: Synthetic | |
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| 40 | ctcatcgagc atcaaatg | 78 |
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| 46 | <213> ORGANISM: Artificial Sequence | |
| 48 | <220> FEATURE: | |
| 49 | <223> OTHER INFORMATION: Synthetic | |
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| 52 | tggacgttaa cccgggccta ctaggccttg atcggcacgt aagaggttcc a | 51 |
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| 57 | <212> TYPE: DNA | |
| 58 | <213> ORGANISM: Artificial Sequence | |
| 60 | <220> FEATURE: | |
| 61 | <223> OTHER INFORMATION: Synthetic | |
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| 64 | ttacgccccg ccctgccact ca | 22 |
| | <210> SEQ ID NO: 5 | |
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| 69 <212> TYPE: DNA | |
|---|------------|
| 70 <213> ORGANISM: Artificial Sequence | |
| 72 <220> FEATURE: | |
| 73 <223> OTHER INFORMATION: Synthetic | |
| 75 <400> SEQUENCE: 5 | |
| 76 ctgttaaccc gggcgcgcct gtgcgcggaa cccctatttg tttattttc | 49 |
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| 82 <213> ORGANISM: Artificial Sequence | |
| 84 <220> FEATURE: | |
| 85 <223> OTHER INFORMATION: Synthetic | |
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| 90 atgettaate agtgaggeae et | 82 |
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| 98 <220> FEATURE: | |
| 99 <223> OTHER INFORMATION: Synthetic | |
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| 102 ctgttaaccc gggatttaaa tcgttgctgg cgtttttcca taggctc | 47 |
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| 108 <213> ORGANISM: Artificial Sequence | |
| 110 <220> FEATURE: | |
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| 119 <212> TYPE: DNA | |
| 120 <213> ORGANISM: Artificial Sequence | |
| 122 <220> FEATURE: | |
| 123 <223> OTHER INFORMATION: Synthetic | |
| 125 <400> SEQUENCE: 9 | 4.0 |
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| 131 <212> TYPE: DNA | |
| 132 <213> ORGANISM: Artificial Sequence | |
| 134 <220> FEATURE: | |
| 135 <223> OTHER INFORMATION: Synthetic | |
| 137 <400> SEQUENCE: 10 | <i>C</i> 0 |
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| 140 tttgtttagg tggcggtact tgggtcgata tca | 93 |
| 143 <210> SEQ ID NO: 11 | |
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Input Set : A:\08797~1.txt

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| 155 | <210> | SEQ ID NO: 12 | |
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| 157 | <212> | TYPE: DNA | |
| 158 | <213> | ORGANISM: Artificial Sequence | |
| 160 | <220> | FEATURE: | |
| 161 | <223> | OTHER INFORMATION: Synthetic | |
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| 168 | <211> | LENGTH: 42 | |
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| 173 | <223> | OTHER INFORMATION: Synthetic | |
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| 185 | <223> | OTHER INFORMATION: Synthetic | |
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| 194 | <213> | ORGANISM: Artificial Sequence | |
| | | FEATURE: | |
| 197 | <223> | OTHER INFORMATION: Synthetic | |
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| | | ggcac cccaggcttt acactttatg | 30 |
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| 206 | <213> | ORGANISM: Artificial Sequence | |
| | | FEATURE: | |
| 209 | <223> | OTHER INFORMATION: Synthetic | |
| | | SEQUENCE: 16 | |
| | | actic cagiccitca actigicata catatggitc | 40 |
| | | SEQ ID NO: 17 | |
| 216 | <211> | LENGTH: 29 | |
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Input Set : A:\08797~1.txt

| | | | TYPE: DNA | |
|----|----|--------|---|-----|
| | | | ORGANISM: Artificial Sequence | |
| | | | FEATURE: | |
| | | | OTHER INFORMATION: Synthetic | |
| | | | SEQUENCE: 17 | |
| | | | tcgac gcagttgtaa acgttaata | 29 |
| | | | SEQ ID NO: 18 | |
| | | | LENGTH: 43 | |
| | | | TYPE: DNA | |
| | | | ORGANISM: Artificial Sequence | |
| | | | FEATURE: | |
| | | | OTHER INFORMATION: Synthetic | |
| | | | SEQUENCE: 18 | |
| | | | tgtgc aagetttgca tttacgcccc gccctgccac tca | 43 |
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| | | | LENGTH: 24 | |
| | | | TYPE: DNA | |
| | | | ORGANISM: Artificial Sequence FEATURE: | |
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| | | | OTHER INFORMATION: Synthetic SEQUENCE: 19 | |
| | | | tagag tegacetgea ggea | 2.4 |
| | | | SEQ ID NO: 20 | 24 |
| | | | LENGTH: 26 | |
| | | | TYPE: DNA | |
| | | | ORGANISM: Artificial Sequence | |
| | | | FEATURE: | |
| | | | OTHER INFORMATION: Synthetic | |
| | | | SEQUENCE: 20 | |
| 26 | 50 | ccgggt | taccg agetegaatt etagea | 26 |
| | | | SEQ ID NO: 21 | |
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| 26 | 55 | <212> | TYPE: DNA | |
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| 26 | 58 | <220> | FEATURE: | |
| 26 | 59 | <223> | OTHER INFORMATION: Synthetic | |
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| 27 | 75 | <210> | SEQ ID NO: 22 | |
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| | | | ORGANISM: Artificial Sequence | |
| | | | FEATURE: | |
| | | | OTHER INFORMATION: Synthetic | |
| | | | SEQUENCE: 22 | |
| 28 | 34 | tgcacg | gaatt cttgctgcag ttgtaaacgt taatattttg ttaaaattcg cgt | 53 |
| | | | SEQ ID NO: 23 | |
| | | | LENGTH: 24 | |
| 28 | 9 | <212> | TYPE: DNA | |
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Input Set : A:\08797~1.txt

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| | <223> OTHER INFORMATION: Synthetic | |
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| | <210> SEQ ID NO: 26 | • |
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| | <210> SEQ ID NO: 28 | 31 |
| | <211> LENGTH: 27 | |
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| | <213> ORGANISM: Artificial Sequence | |
| | <220> FEATURE: | |
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| | gggaaaacag cattccaggt attagaa | 27 |
| | <210> SEQ ID NO: 29 | |
| | <211> LENGTH: 66 | |
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| | <213> ORGANISM: Artificial Sequence | |
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VERIFICATION SUMMARY

DATE: 08/05/2004

PATENT APPLICATION: US/10/783,534

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Input Set : $A:\08797~1.txt$